

# The Dose Makes the Poison...

## A Century of Pesticide Regulation



Photo credit: USDA Online Photography Center



Credit: Time. 1947. Time, Inc. New York.



Photo credit: John Osmun. Dept. of Entomology, Purdue University



Photo credit: US EPA History Office



National Pesticide Media Database



Photo credit: Indianapolis Star.  
Sunday, March 24, 1963

## Virginia Brownfields Conference: March 10, 2011



**Virginia Department  
of Agriculture and  
Consumer Services**



# The Federal Evolution

- 1910 Federal Insecticide Act (USDA – Insecticide and Fungicide Board)
- 1938 Federal Food, Drug and Cosmetic Act (USDA – Food and Drug Administration)
- **DDT**
- 1947 Federal Insecticide, Fungicide and Rodenticide Act (USDA - Insecticide Division)
- Amendments: Federal Food, Drug and Cosmetic Act
  - 1954 Miller Act
  - 1958 Delany Clause
- 1962 *Silent Spring* – Rachel Carson
- 1970 Creation of EPA
- 1972 Amendment: Federal Insecticide, Fungicide and Rodenticide Act





# Virginia's Defining Moment

*In 1986, two people died after returning to their home which had been fumigated with Vikane, a general use pesticide....*

*★ Special Report concluded “ basic safety procedures were ignored....little or no training....Virginia's citizens do not have adequate assurance that pesticides used .....are applied in a manner that guarantees public health, safety and the protection of the environment.....gaps in program elements dealing with...worker and public safety....”*

*➤ Virginia Pesticide Control Act and Regulations*

*➤ Focus on worker safety – “Label is the Law”*



Virginia Department  
of Agriculture and  
Consumer Services



# Office of Pesticide Services

- Certification of Pesticide Applicators
- Licensing of Pesticide Businesses
- Registering of Pesticide Products
- Enforcement & Compliance Monitoring
- Special Programs
  - Pesticide Disposal
  - Plastic Pesticide Container Recycling

Label is the Law.....



Virginia Department  
of Agriculture and  
Consumer Services



# Pesticide Disposal Program

- Assists agricultural producers, licensed pesticide dealers & pest control firms, homeowners and golf courses with proper disposal of unwanted agricultural and commercial pesticides
- No cost to participants
- Collected ~ 1,605,466 lbs since inception



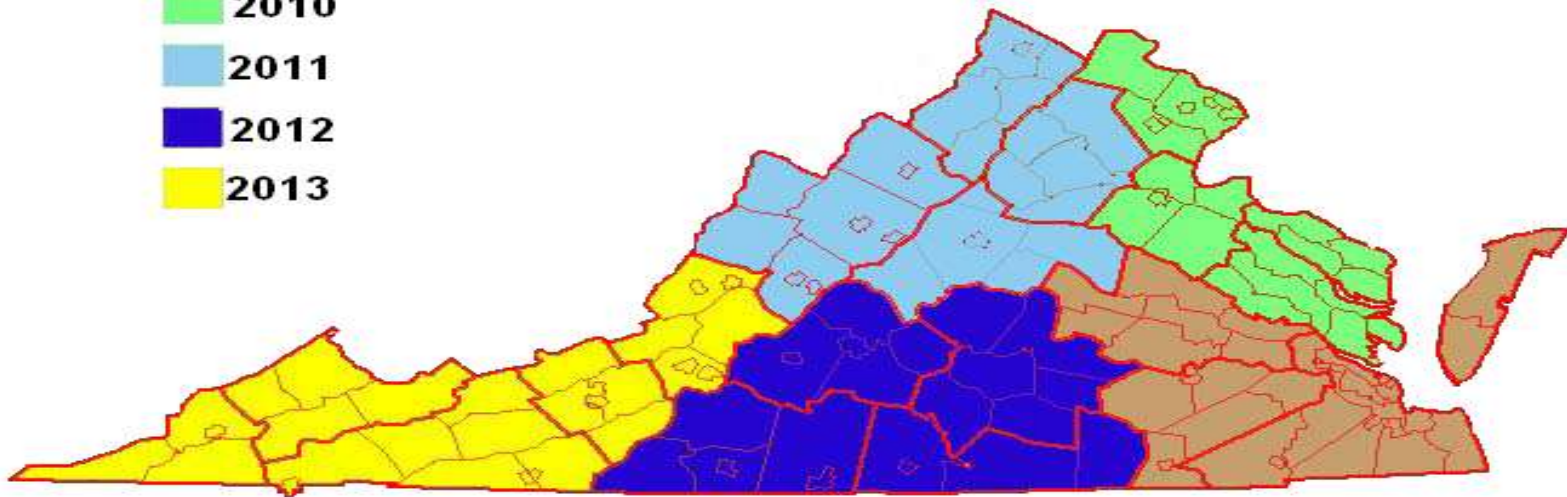
*Virginia Department  
of Agriculture and  
Consumer Services*



# Just Say “No”....

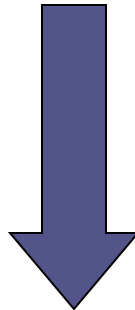
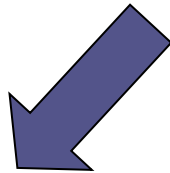
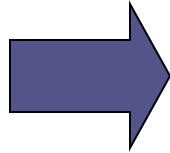








# Plastic Pesticide Container Recycling



- Provide agricultural producers, pesticide dealers and pest control firms with option for the disposal of properly rinsed pesticide containers

- Localities

- Administrative Plan
- MOA
- Grant Money

- Other Locations

- No cost to participants
- More than 1,000,000 pounds collected since inception



Virginia Department  
of Agriculture and  
Consumer Services



*Just Say “No”.....*





***Liza J. Fleeson, Program Manager***

**VDACS-Office of Pesticide Services**

**102 Governor Street, Room 155**

**Richmond VA 23219**

**[liza.fleeson@vdacs.virginia.gov](mailto:liza.fleeson@vdacs.virginia.gov)**

**804-371-6559**

**804-786-9149 (fax)**

**[www.vdacs.virginia.gov](http://www.vdacs.virginia.gov)**



**Virginia Department  
of Agriculture and  
Consumer Services**